

ABSTRACT OF THE DISCLOSURE

099499 12701

A color solid-state imaging apparatus of the present invention includes a read pixel position selecting section for selecting read pixel positions such that in two directions crossing each other, a first pixel pair of horizontally-adjacent pixels corresponding to a first color filter segment and one of a second color filter segment and a third color filter segment and a second pixel pair of vertically-adjacent pixels corresponding to a first color filter segment and the one or the other one of a second color filter segment and a third color filter segment are provided so as to alternate with each other, and there are (N-1) pairs of unselected pixels (N is a positive integer) between the alternate first and second pixel pairs.